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OCT 28 2004

BROWN RAYSMAN MILLSTEIN FELDER &amp; STEINER LLP

## FACSIMILE COVER SHEET

From: Robert M. Bauer, Esq.  
Direct Dial: 212-895-2630Date: October 28, 2004  
Client/Matter #: 6173/1004US

## PLEASE DELIVER AS SOON AS POSSIBLE TO:

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1.	Office of Petitions	USPTO	703-872-9306	

Total number of pages including this page: 7  
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In re Application of : Ari ALASTALO et al.

Application No. : 09/765,850

Filing Date : January 19, 2001

Group Art Unit : 2661

Examiner : Cangialosi, Salvatore A

Title : APPARATUS, AND ASSOCIATED METHOD, FOR  
UTILIZING ANTENNA INFORMATION DETERMINATIVE  
OF ANTENNA OPERATION IN A WIRELESS MESH

Please find enclosed: FEE TRANSMITTAL, PETITION FOR REVIVAL, COMMENTS  
ON EXAMINER'S STATEMENT OF REASONS FOR ALLOWANCE, ISSUE FEE  
TRANSMITTAL

PTO/SB/17 (10-04v2)

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**FEE TRANSMITTAL**  
**for FY 2005**

Effective 10/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$ 3,040.00)**Complete if Known**

Application Number	09/765,850
Filing Date	January 19, 2001
First Named Inventor	Ari ALASTALO
Examiner Name	Cangialosi, Salvatore A
Art Unit	2661
Attorney Docket No.	6173/1004US

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:

Deposit Account Number: 02-4270

Deposit Account Name:

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**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 790	2001 395	Utility filing fee	
1002 350	2002 175	Design filing fee	
1003 550	2003 275	Plant filing fee	
1004 790	2004 395	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

**SUBTOTAL (1)** (\$ )**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X	
Multiple Dependent	-3** =	X	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 88	2201 44	Independent claims in excess of 3	
1203 300	2203 150	Multiple dependent claim, if not paid	
1204 88	2204 44	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	

**SUBTOTAL (2)** (\$ )

\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 430	2252 215	Extension for reply within second month	
1253 980	2253 490	Extension for reply within third month	
1254 1,530	2254 765	Extension for reply within fourth month	
1255 2,080	2255 1,040	Extension for reply within fifth month	
1401 340	2401 170	Notice of Appeal	
1402 340	2402 170	Filing a brief in support of an appeal	
1403 300	2403 150	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	1,370.00
1453 1,370	2453 685	Petition to revive - unintentional	1,370.00
1501 1,370	2501 685	Utility issue fee (or reissue)	
1502 490	2502 245	Design issue fee	
1503 560	2503 330	Plant issue fee	
1450 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 790	2809 395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 790	2810 395	For each additional invention to be examined (37 CFR 1.129(b))	
1801 790	2801 395	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
		<b>Publication fee</b>	300.00

Other fee (specify) **Publication fee**  
Reduced by Basic Filing Fee Paid **SUBTOTAL (3)** (\$ 3,040.00)

(Complete if applicable)

**SUBMITTED BY**

Name (Print/Type) Robert M. Bauer

Registration No. 34,487

Telephone 212 895-2630

Signature

Date October 28, 2004

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

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Complete and send this form, together with applicable fee(s), to: **Mail**

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**INSTRUCTIONS:** This form should be used for transmitting the **ISSUE FEE** and **PUBLICATION FEE** (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

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06/14/2004

Robert M Bauer  
 BROWN RAYSMAN MILLSTEIN FELDER & STEINER LLP  
 900 Third Avenue  
 New York, NY 10022

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## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

Robert M. Bauer

(Depositor's name)

(Signature)

October 28, 2004

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/765,850	01/19/2001	Ari A. Asale	NC19047	9241

**TITLE OF INVENTION:** APPARATUS, AND ASSOCIATED METHOD, FOR UTILIZING ANTENNA INFORMATION DETERMINATIVE OF ANTENNA OPERATION IN A WIRELESS MESH NETWORK

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	<del>\$1900</del> \$1370	\$300	<del>\$4630</del> \$1670	09/14/2004
EXAMINER	ART UNIT	CLASS-SUBCLASS			
CANGIALOSI, SALVATORE A	2661	375-338000			

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Brown Raysman  
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PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

(A) NAME OF ASSIGNEE

Nokia Corporation

Espoo, FIN-02150 FINLAND

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ individual ☐ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

☒ Issue Fee☒ Publication Fee☒ Advance Order - # of Copies 3

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Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) *Robert M. Bauer* (Date) October 28, 2004

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Atty. Dkt. 6173/1004US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : Ari ALASTALO et al.  
Application No. : 09/765,850  
Filing Date : January 19, 2001  
Group Art Unit : 2661  
Examiner : Cangialosi, Salvatore A  
Title : APPARATUS, AND ASSOCIATED METHOD, FOR  
UTILIZING ANTENNA INFORMATION DETERMINATIVE  
OF ANTENNA OPERATION IN A WIRELESS MESH  
NETWORK

October 28, 2004

Commissioner for Patents  
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**COMMENTS ON EXAMINER'S STATEMENT OF REASONS FOR ALLOWANCE**

Sir:

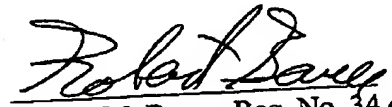
The Examiner's Statement of Reasons for Allowance states that the "prior art of record fails to anticipate or render obvious the claimed combination of a method and apparatus..." Applicants note that U.S. Patent No. 6,640,087 is not prior art because it was filed after the filing date of this application. So that there is no confusion, applicants also wish to make clear that there are no claims directed to the combination of a method and apparatus. There is independent claim 1 directed to an apparatus and a separate independent claim 12 directed to a method.

Atty. Dkt. 6173/1004US

The Statement of Reasons for Allowance also refers to the "manner and complexity explicitly recited in the claims." However, the Statement of Reasons for Allowance repeats most of the language of independent claim 1 (except that it refers to "means" when no such means is in fact recited in claim 1). Consequently, there is no "manner and complexity" in claim 1 in addition to the language of independent claim 1 already contained in the Statement of Reasons for Allowance. Furthermore, independent method claim 12 recites different features than claim 1 and is allowable for different reasons than claim 1 and different reasons than that set forth in the Statement of Reasons for Allowance. Finally, the dependent claims recite features in addition to those set forth in claims 1 or 12, and therefore may be allowable for additional reasons.

Respectfully Submitted,

By:



Robert M. Bauer, Reg. No. 34,487  
BROWN RAYSMAN MILLSTEIN  
FELDER & STEINER LLP  
900 Third Avenue  
New York, New York 10022  
Tel: (212) 895-2000  
Fax: (212) 895-2900

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Jesse J. Camacho

**FROM**  
JESSE J. CAMACHO

**IT #**

**MATTER #**

3738

JJCZ.00015

2555 Grand Blvd.

Kansas City

Missouri 64108-2813

816.474.6550

816.421.5547 Fax

jcamacho@shb.com

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**COMMENTS:**

**Status Inquiry**

App. No. 07/867,732

Filed: 04/07/1992

fax

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NO. 0281 P. 2/2

OCT 28 2004

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No. : 07/867,732 Confirmation No. N/A  
Applicant(s) : Andrew Wille  
Filed : 04/07/1992  
Title : Transaction Manager for a Telecommunications Network  
Group Art Unit :  
Examiner :  
Docket No. : 21796 (Hovey Williams)  
Customer No. : 32423

<b>CERTIFICATE OF TRANSMISSION</b> 37 C.F.R. 1.8	
I hereby certify that this correspondence is being sent to Fax No. 703-872-9306, on:	
<u>10-28-04</u> Date	<u>Michelle R. Scardesca</u> Signature

**STATUS INQUIRY**

**VIA FAX NO. 703-872-9306**

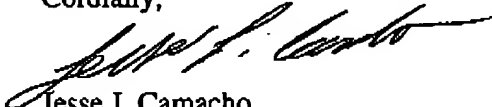
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The above-identified application was filed in the Office on April 7, 1992. Please advise the status of this application.

This inquiry is being submitted in triplicate and it is asked that the Office respond on an enclosed copy and return same to the undersigned.

Cordially,

  
Jesse J. Camacho  
Reg. No. 51,258

JJC/ms

**1028/SPRI.37735**

**SHOOK, HARDY & BACON L.L.P.**  
2555 Grand Blvd.  
Kansas City, Missouri 64108-2613  
816/474-6550

1523222v1